

Closing Date	Maturity Date	Issuer	Par Amount	Type	Pricing Yield	Estimated Unenhanced Yield	Estimated Annual Savings (%)	Estimated Annual Savings (\$)
4/20/23	4/19/24	Village of Monroeville (AMP)	\$790,000.00	Revenue	3.65%	4.63%	21.08%	\$7,702.50
4/13/23	4/12/24	Village of Grafton (AMP)	\$3,700,000.00	Revenue	3.65%	4.63%	21.08%	\$36,075.00
4/19/23	4/18/24	City of Euclid	\$775,000.00	GO	3.45%	3.60%	4.17%	\$1,162.50
4/19/23	4/18/24	City of Kirtland	\$3,102,000.00	GO	3.45%	3.75%	8.00%	\$9,306.00
3/29/23	4/4/24	City of Blue Ash	\$9,925,000.00	GO	3.50%	3.70%	5.41%	\$20,230.68
3/29/23	3/28/24	Lake County	\$9,250,000.00	GO	3.45%	3.60%	4.17%	\$13,875.00
4/4/23	4/3/24	City of Springfield	\$8,565,000.00	GO	3.50%	4.45%	21.35%	\$81,367.50
3/7/23	3/6/24	City of Riverside	\$4,735,000.00	Revenue	5.50%	6.00%	8.33%	\$23,675.00
2/28/23	2/27/24	City of Fairborn	\$6,170,000.00	GO	3.55%	3.75%	5.33%	\$12,306.19
1/11/23	1/11/24	Lake County	\$2,600,000.00	GO	3.57%	3.72%	4.03%	\$3,900.00
1/19/23	1/18/24	City of Delaware	\$7,000,000.00	GO	3.65%	3.75%	2.67%	\$6,980.82
12/8/22	12/7/23	Village of Genoa	\$790,000.00	Revenue	3.85%	4.75%	18.95%	\$7,090.52
11/30/22	11/29/23	Village of Carey	\$3,575,000.00	Revenue	4.10%	5.00%	18.00%	\$32,086.85
12/1/22	11/30/23	Village of Pioneer	\$3,950,000.00	Revenue	3.95%	4.75%	16.84%	\$31,513.42
11/17/22	11/17/23	Village of Walton Hills	\$2,000,000.00	GO	4.10%	4.35%	5.75%	\$5,000.00
12/1/22	12/1/23	City of Whitehall	\$2,220,000.00	Revenue	5.40%	5.55%	2.70%	\$3,330.00
12/1/22	12/1/23	City of Whitehall	\$7,545,000.00	Revenue	4.20%	4.35%	3.45%	\$11,317.50
11/16/22	11/16/23	City of Whitehall	\$1,805,000.00	GO	3.90%	4.05%	3.70%	\$2,707.50
1/24/23	1/24/24	City of Celina	\$2,080,000.00	Revenue	3.71%	4.50%	17.56%	\$16,432.00

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10/27/22	10/26/23	Village of Sycamore	\$700,000.00	Revenue	3.88%	4.75%	18.42%	\$6,108.22
11/2/22	11/2/23	City of Gahanna	\$8,500,000.00	GO	4.00%	4.50%	11.11%	\$42,500.00
9/29/22	9/28/23	Village of Plain City	\$11,250,000.00	GO	2.85%	3.05%	6.56%	\$22,438.36
12/29/22	11/29/23	City of Hamilton	\$34,750,000.00	GO	3.18%	3.75%	15.20%	\$181,794.86
9/14/22	9/14/23	Village of Oakwood	\$1,815,000.00	GO	2.85%	3.00%	5.00%	\$2,722.50
9/28/22	9/28/23	Village of Woodmere	\$1,135,000.00	GO	3.45%	3.70%	6.76%	\$2,837.50
8/11/22	8/10/23	Village of Jackson Center	\$2,295,000.00	Revenue	2.55%	3.25%	21.54%	\$16,020.99
8/30/22	8/30/23	Union Township	\$21,490,000.00	GO	2.45%	2.65%	7.55%	\$42,980.00
6/23/22	6/22/23	City of Wapakoneta	\$11,905,000.00	Revenue	2.75%	3.75%	26.67%	\$118,723.84
7/14/22	7/6/23	City of Youngstown	\$3,900,000.00	GO	2.60%	3.35%	22.39%	\$28,608.90
7/20/22	1/19/23	City of Youngstown	\$3,400,000.00	GO	2.80%	3.55%	21.13%	\$12,784.93
6/16/22	6/15/23	Village of Newton Falls (AMP)	\$455,000.00	Revenue	2.25%	3.25%	30.77%	\$4,537.53
6/28/22	6/28/23	City of Elyria	\$5,990,000.00	GO	2.50%	2.75%	9.09%	\$14,975.00
6/14/22	6/13/23	City of Uhrichsville	\$2,440,000.00	GO	2.20%	2.40%	8.33%	\$4,866.63
5/24/22	5/24/23	City of Forest Park	\$5,606,000.00	GO	2.25%	3.00%	25.00%	\$42,045.00
5/24/22	5/24/23	City of Forest Park	\$1,510,000.00	GO	2.30%	3.05%	24.59%	\$11,325.00
5/3/22	5/2/23	City of West Carrollton	\$4,720,000.00	Revenue	3.15%	4.15%	24.10%	\$47,070.68
4/28/22	4/27/23	Village of Holiday City (AMP)	\$1,460,000.00	Revenue	2.15%	3.15%	31.75%	\$14,560.00

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4/21/22	4/20/23	Village of Monroeville (AMP)	\$940,000.00	Revenue	2.15%	3.15%	31.75%	\$9,374.25
4/14/22	4/13/23	Village of Grafton (AMP)	\$3,700,000.00	Revenue	1.95%	3.00%	35.00%	\$38,743.56
4/20/22	4/20/23	City of Kirtland	\$3,603,000.00	GO	1.90%	2.10%	9.52%	\$7,206.00
4/27/22	4/27/23	City of Euclid	\$1,525,000.00	GO	1.85%	2.00%	7.50%	\$2,287.50
3/30/22	3/30/23	Lake County	\$10,250,000.00	GO	1.33%	1.50%	11.33%	\$17,425.00
3/3/22	3/2/23	City of Hubbard (AMP)	\$365,000.00	Revenue	1.35%	2.25%	40.00%	\$3,276.00
3/9/22	3/8/23	City of Riverside	\$4,900,000.00	Revenue	1.25%	1.75%	28.57%	\$24,432.88
1/12/22	1/12/23	Lake County	\$3,300,000.00	GO	0.37%	0.50%	26.00%	\$4,290.00
12/9/21	12/8/22	Village of Genoa	\$1,090,000.00	Revenue	0.30%	0.90%	66.67%	\$6,522.08
12/1/21	11/30/22	Village of Carey	\$3,925,000.00	Revenue	0.30%	1.00%	70.00%	\$27,399.73
12/2/21	12/2/22	Village of Pioneer	\$3,950,000.00	Revenue	0.30%	1.00%	70.00%	\$27,650.00
11/17/21	11/17/22	Village of Walton Hills	\$3,895,000.00	GO	0.23%	0.48%	52.08%	\$9,737.50
12/7/21	12/7/22	City of Whitehall	\$2,295,000.00	Revenue	0.35%	0.55%	36.36%	\$4,590.00
12/7/21	12/7/22	City of Whitehall	\$7,545,000.00	Revenue	0.30%	0.50%	40.00%	\$15,090.00
11/16/21	11/16/22	City of Whitehall	\$1,805,000.00	GO	0.20%	0.30%	33.33%	\$1,805.00
9/29/21	9/29/22	Village of Woodmere	\$1,290,000.00	GO	0.15%	0.35%	57.14%	\$2,580.00
9/29/21	9/29/22	City of Berea	\$5,250,000.00	Revenue	0.25%	0.35%	28.57%	\$5,250.00
8/12/21	8/11/22	Village of Jackson Center	\$2,440,000.00	Revenue	0.18%	0.80%	77.50%	\$15,086.55
9/1/21	8/31/22	Union Township	\$24,060,000.00	GO	0.12%	0.20%	40.00%	\$19,195.27

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7/7/21	7/7/22	City of Youngstown	\$4,500,000.00	GO	0.18%	0.30%	40.00%	\$5,400.00
7/21/21	7/21/22	City of Youngstown	\$5,100,000.00	GO	0.23%	0.58%	60.34%	\$17,850.00
6/24/21	6/23/22	City of Wapakoneta	\$12,950,000.00	Revenue	0.18%	1.00%	82.00%	\$105,899.07
6/17/21	6/16/22	Village of Newton Falls (AMP)	\$690,000.00	Revenue	0.20%	1.00%	80.00%	\$5,504.88
6/16/21	6/16/22	City of Kirtland	\$2,008,000.00	GO	0.13%	0.30%	56.67%	\$3,413.60
6/29/21	6/29/22	City of Elyria	\$6,100,000.00	GO	0.15%	0.23%	34.78%	\$4,880.00
6/16/21	12/1/21	City of Lorain	\$2,835,000.00	GO	0.16%	0.50%	68.00%	\$4,436.58
6/16/21	6/15/22	City of Uhrichsville	\$2,705,000.00	GO	0.13%	0.30%	56.67%	\$4,585.90
6/22/21	6/22/22	City of Miamisburg	\$7,870,000.00	GO	0.14%	0.24%	41.67%	\$7,870.00
5/26/21	5/25/22	City of Forest Park	\$2,835,000.00	GO	0.13%	0.25%	48.00%	\$3,392.68
4/30/21	4/30/22	City of West Carrollton	\$4,415,000.00	Revenue	0.50%	0.75%	33.33%	\$11,037.50
4/30/21	4/30/22	City of West Carrollton	\$4,400,000.00	Revenue				\$0.00
4/15/21	4/15/22	Village of Grafton (AMP)	\$3,700,000.00	Revenue	0.22%	1.00%	78.00%	\$28,860.00
4/28/21	4/27/22	Village of Holiday City (AMP)	\$1,570,000.00	Revenue	0.22%	1.10%	80.00%	\$13,778.15
4/21/21	4/21/22	City of Northwood	\$4,600,000.00	GO	0.18%	1.00%	82.00%	\$37,720.00
4/22/21	4/21/22	Village of Monroeville (AMP)	\$1,090,000.00	Revenue	0.22%	1.10%	80.00%	\$9,565.72
4/28/21	4/28/22	City of Euclid	\$2,000,000.00	GO	0.18%	0.35%	48.57%	\$3,400.00
3/31/21	3/31/22	City of Mayfield Heights	\$1,500,000.00	GO	0.20%	0.40%	50.00%	\$3,000.00

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3/4/21	3/3/22	City of Hubbard (AMP)	\$505,000.00	Revenue	0.35%	1.25%	72.00%	\$4,532.55
3/11/21	3/10/22	City of Riverside	\$5,060,000.00	Revenue	0.25%	0.35%	28.57%	\$5,046.14
1/13/21	1/13/22	Lake County	\$4,000,000.00	GO	0.20%	0.30%	33.33%	\$4,000.00
12/10/20	12/9/21	Village of Genoa	\$1,485,000.00	Revenue	0.40%	1.40%	71.43%	\$14,809.32
12/3/20	12/2/21	Village of Carey	\$4,275,000.00	Revenue	0.35%	1.35%	74.07%	\$42,632.88
11/18/20	11/18/21	Village of Walton Hills	\$3,895,000.00	GO	0.30%	0.50%	40.00%	\$7,790.00
9/30/20	9/30/21	Village of Woodmere	\$1,370,000.00	GO	0.25%	0.55%	54.55%	\$4,110.00
9/16/20	9/16/21	Village of Oakwood	\$2,130,000.00	GO	0.23%	0.53%	56.60%	\$6,390.00
9/30/20	9/30/21	City of Berea	\$5,600,000.00	Revenue	0.40%	0.70%	42.86%	\$16,800.00
9/17/20	9/17/21	City of Worthington	\$5,815,000.00	GO	0.23%	0.31%	25.81%	\$4,652.00
8/13/20	8/12/21	Village of Jackson Center	\$2,585,000.00	Revenue	0.37%	1.40%	73.57%	\$26,552.55
8/19/20	8/18/21	Mason City School District	\$6,965,000.00	GO	0.35%	0.55%	36.36%	\$13,891.84
8/26/20	8/25/21	Belmont County	\$12,555,000.00	GO	0.24%	0.34%	29.41%	\$12,520.60
9/2/20	9/1/21	Union Township	\$24,060,000.00	GO	0.23%	0.33%	30.30%	\$23,994.08
7/8/20	7/8/21	City of Youngstown	\$5,100,000.00	GO	0.30%	0.80%	62.50%	\$25,500.00
7/22/20	7/22/21	City of Youngstown	\$6,560,000.00	GO	0.43%	2.50%	82.80%	\$135,792.00
7/22/20	7/22/21	City of Parma	\$6,233,000.00	GO	0.35%	0.55%	36.36%	\$12,466.00
6/25/20	6/24/21	City of Wapakoneta	\$17,000,000.00	Revenue	0.45%	1.50%	70.00%	\$178,010.96

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6/18/20	6/17/21	City of Uhrichsville	\$2,955,000.00	GO	0.40%	0.75%	46.67%	\$10,314.16
6/18/20	6/17/21	Village of Newton Falls (AMP)	\$925,000.00	Revenue	0.75%	2.00%	62.50%	\$11,530.82
6/18/20	6/17/21	City of Moraine	\$8,150,000.00	GO	0.34%	0.59%	42.37%	\$20,319.18
6/17/20	6/17/21	City of Kirtland	\$2,405,000.00	GO	0.40%	0.70%	42.86%	\$7,215.00
6/23/20	6/23/21	City of Miamisburg	\$8,020,000.00	GO	0.35%	0.50%	30.00%	\$12,030.00
6/17/20	6/17/21	City of Garfield Heights	\$3,000,000.00	GO	0.43%	1.00%	57.00%	\$17,100.00
6/25/20	6/24/21	City of Sharonville	\$6,000,000.00	GO	0.33%	0.43%	23.26%	\$5,983.56
6/18/20	6/17/21	City of Tiffin	\$3,155,000.00	GO	0.40%	0.50%	20.00%	\$3,146.36
6/10/20	6/10/21	City of Olmsted Falls	\$7,110,000.00	GO	0.44%	0.69%	36.23%	\$17,775.00
6/27/20	6/26/21	City of Lorain	\$2,800,000.00	GO	0.42%	0.67%	37.31%	\$6,980.82
6/11/20	5/27/21	City of Avon	\$3,600,000.00	GO	0.40%	0.45%	11.11%	\$1,726.03
5/27/20	5/26/21	City of Forest Park	\$4,395,000.00	GO	0.84%	1.14%	26.32%	\$13,148.88
5/1/20	5/1/21	City of West Carrollton	\$4,030,000.00	Revenue	1.90%	2.65%	28.30%	\$30,225.00
7/1/20	7/1/21	City of Elyria	\$5,200,000.00	GO	0.33%	0.53%	37.74%	\$10,400.00
4/23/20	4/23/21	Village of Monroeville (AMP)	\$1,210,000.00	Revenue	2.00%	4.00%	50.00%	\$24,200.00
4/29/20	4/28/21	Village of Holiday City (AMP)	\$1,680,000.00	Revenue	1.95%	3.95%	50.63%	\$33,507.95
4/2/20	4/1/21	Village of Versailles (AMP)	\$415,000.00	Revenue				\$0.00
4/29/20	4/29/21	City of Euclid	\$5,853,000.00	GO	1.55%	2.00%	22.50%	\$26,338.50

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4/8/20	4/8/21	City of Parma Heights	\$3,440,000.00	GO	2.25%	5.00%	55.00%	\$94,600.00
4/1/20	4/1/21	City of Mayfield Heights	\$2,500,000.00	GO	1.80%	2.30%	21.74%	\$12,500.00
3/5/20	3/4/21	City of Hubbard (AMP)	\$645,000.00	Revenue	1.40%	3.00%	53.33%	\$10,291.73
3/12/20	3/11/21	City of Riverside	\$4,730,000.00	Revenue	1.45%	1.75%	17.14%	\$14,151.12
1/15/20	1/14/21	Lake County	\$10,000,000.00	GO	1.13%	1.23%	8.13%	\$10,000.00
1/24/19	1/23/20	Village of Woodsfield	\$704,000.00	Revenue	1.50%	2.50%	40.00%	\$7,020.71
12/5/19	12/3/20	Village of Carey	\$4,585,000.00	Revenue	1.50%	2.50%	40.00%	\$45,724.38
12/13/19	12/11/20	Village of Genoa	\$1,855,000.00	Revenue	1.45%	2.45%	40.82%	\$18,499.18
11/19/19	11/19/20	Village of Walton Hills	\$1,495,000.00	GO	1.40%	1.80%	22.22%	\$5,996.38
11/13/19	11/12/20	Southwest Local School District	\$9,650,000.00	GO	1.30%	1.50%	13.33%	\$19,300.00
10/2/19	10/1/20	Madison Local School District	\$1,135,000.00	GO	1.40%	1.55%	9.68%	\$1,702.50
9/25/19	9/24/20	Crestview Local School District	\$1,000,000.00	GO	1.42%	1.55%	8.39%	\$1,300.00
10/2/19	10/1/20	City of Berea	\$5,800,000.00	Revenue	2.15%	2.35%	8.51%	\$11,600.00
9/18/19	9/17/20	Village of Oakwood	\$2,200,000.00	GO	1.26%	1.66%	24.10%	\$8,800.00
9/25/19	9/25/20	City of Worthington	\$4,290,000.00	GO	1.22%	1.32%	7.58%	\$4,301.75
8/21/19	8/20/20	Mason City School District	\$13,400,000.00	GO	2.00%	2.10%	4.76%	\$13,400.00
10/1/19	10/1/20	Village of Woodmere	\$1,400,000.00	GO	1.42%	1.82%	21.98%	\$5,615.34
9/5/19	9/2/20	Union Township	\$25,275,000.00	GO	1.25%	1.35%	7.41%	\$25,136.51

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8/15/19	8/13/20	Village of Jackson Center	\$2,949,000.00	Revenue	1.48%	1.95%	24.10%	\$13,822.33
7/24/19	7/23/20	City of Parma	\$6,253,000.00	GO	1.40%	1.70%	17.65%	\$18,759.00
6/24/19	6/25/20	City of Miamisburg	\$8,120,000.00	GO	1.50%	1.62%	7.41%	\$9,797.39
6/27/19	6/25/20	City of Wapakoneta	\$17,000,000.00	Revenue	1.66%	2.00%	17.00%	\$57,641.64
12/27/18	9/1/19	Batavia Local School District	\$3,750,000.00	GO	2.13%	2.28%	6.58%	\$3,821.92
6/27/19	4/9/20	City of Parma Heights	\$1,650,000.00	GO	1.50%	1.85%	18.92%	\$4,540.89
6/19/19	6/17/20	City of Lorain	\$2,700,000.00	GO	1.64%	2.00%	18.00%	\$9,693.37
6/18/19	6/18/20	City of Garfield Heights	\$2,000,000.00	GO	1.58%	2.03%	22.17%	\$9,024.66
6/20/19	6/18/20	Village of Newton Falls (AMP)	\$1,160,000.00	Revenue	1.75%	2.15%	18.60%	\$4,627.29
5/30/20	5/28/21	City of Olmsted Falls	\$7,110,000.00	GO	1.65%	1.85%	10.81%	\$14,142.08
6/19/19	6/18/20	City of Kirtland	\$3,015,000.00	GO	1.55%	1.95%	20.51%	\$12,060.00
6/20/19	6/19/20	City of Uhrichsville	\$3,255,000.00	GO	1.67%	1.95%	14.36%	\$9,114.00
5/1/19	5/1/20	City of West Carrollton	\$4,170,000.00	Revenue	2.75%	2.90%	5.17%	\$6,272.14
4/17/19	4/16/20	City of Barberton	\$2,540,000.00	GO	1.76%	1.90%	7.36%	\$3,550.16
4/30/19	4/28/20	Village of Holiday City (AMP)	\$1,798,000.00	Revenue	1.95%	3.05%	36.07%	\$19,723.81
4/4/19	4/2/20	Village of Versailles (AMP)	\$485,000.00	Revenue	1.90%	3.00%	36.67%	\$5,320.38
4/25/19	4/23/20	Village of Monroeville (AMP)	\$1,360,000.00	GO	1.93%	3.03%	36.30%	\$14,919.01

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4/11/19	4/9/20	City of Parma Heights	\$1,790,000.00	GO	1.85%	2.20%	15.91%	\$6,247.84
4/2/19	4/2/20	City of Mayfield Heights	\$3,600,000.00	GO	1.85%	2.00%	7.50%	\$5,414.79
5/1/19	5/1/20	City of Euclid	\$5,000,000.00	GO	1.73%	1.85%	6.49%	\$6,016.44
3/7/19	3/6/20	City of Hubbard (AMP)	\$785,000.00	Revenue	1.90%	2.50%	24.00%	\$4,710.00
3/7/19	6/18/19	Village of Cuyahoga Heights	\$6,200,000.00	GO	1.79%	2.00%	10.50%	\$3,674.14
3/27/19	3/26/20	City of Springfield	\$2,950,000.00	GO	1.82%	1.97%	7.61%	\$4,425.00
3/14/19	3/12/20	City of Riverside	\$4,900,000.00	Revenue	2.70%	2.94%	8.16%	\$11,727.78
1/24/19	1/23/20	Pickaway County	\$3,000,000.00	Revenue	2.70%	2.82%	4.26%	\$3,590.14
1/24/19	1/23/20	Village of Woodsfield	\$704,000.00	Revenue	2.10%	3.00%	30.00%	\$6,318.64
12/27/18	9/1/19	City of Barberton	\$3,750,000.00	GO	2.13%	2.28%	6.58%	\$3,821.92
12/28/18	6/19/19	City of Lorain	\$3,000,000.00	GO	2.15%	2.50%	14.00%	\$4,976.71
12/28/18	8/22/19	Firelands Local School District	\$9,900,000.00	GO	2.12%	2.35%	9.79%	\$14,784.90
12/13/18	12/12/19	Village of Genoa	\$2,209,000.00	Revenue	2.15%	3.15%	31.75%	\$22,029.48
12/11/18	12/11/19	City of Elyria	\$4,000,000.00	GO	2.10%	2.25%	6.67%	\$6,000.00
12/6/18	12/5/19	Village of Carey	\$4,870,000.00	Revenue	2.15%	3.10%	30.65%	\$46,138.25
11/20/18	11/20/19	Village of Walton Hills	\$1,640,000.00	GO	2.15%	2.50%	14.00%	\$5,740.00
10/25/18	10/24/19	City of Harrison	\$2,700,000.00	GO	2.10%	2.40%	12.50%	\$8,077.81
11/14/18	11/13/19	Southwest Local School District	\$9,700,000.00	GO	2.10%	2.20%	4.55%	\$9,673.42

Closing Date	Maturity Date	Issuer	Par Amount	Type	Pricing Yield	Estimated Unenhanced Yield	Estimated Annual Savings (%)	Estimated Annual Savings (\$)
10/3/18	10/3/19	Madison Local School District	\$1,295,000.00	GO	2.06%	2.25%	8.44%	\$2,460.50
10/3/18	10/3/19	City of Berea	\$6,150,000.00	Revenue	2.85%	2.95%	3.39%	\$6,150.00
10/3/18	10/3/19	Village of Woodmere	\$1,180,000.00	GO	2.00%	2.40%	16.67%	\$4,720.00
9/18/18	9/18/19	City of Worthington	\$4,460,000.00	GO	1.95%	2.05%	4.88%	\$4,460.00
9/12/18	9/12/19	Village of North Randall	\$1,010,000.00	GO	1.95%	2.32%	15.95%	\$3,737.00
9/19/18	9/19/19	Village of Oakwood	\$2,335,000.00	GO	1.95%	2.34%	16.67%	\$9,106.50
9/5/18	9/5/19	City of Avon	\$7,500,000.00	GO	1.90%	1.95%	2.56%	\$3,750.00
8/22/18	5/29/19	City of Forest Park	\$3,190,000.00	GO	1.90%	2.05%	7.32%	\$3,670.68
8/16/18	8/15/19	Village of Jackson Center	\$2,827,748.00	Revenue	2.00%	2.35%	14.89%	\$9,870.00
8/22/18	8/21/19	Perry County	\$1,118,898.00	GO	1.87%	2.07%	9.66%	\$2,231.67
9/6/18	9/5/19	Union Township	\$26,435,000.00	GO	1.90%	2.00%	5.00%	\$26,362.58
6/26/18	6/25/19	City of Miamisburg	\$8,000,000.00	GO	1.82%	2.00%	9.00%	\$14,360.55
6/19/18	6/19/19	Village of Cuyahoga Heights	\$3,385,000.00	GO	1.85%	2.10%	11.90%	\$8,462.50
6/20/18	6/20/19	City of Lorain	\$2,700,000.00	GO	1.95%	3.00%	35.00%	\$28,350.00
6/20/18	6/20/19	City of Kirtland	\$3,305,000.00	GO	1.85%	2.15%	13.95%	\$9,915.00
6/21/18	6/20/19	Village of Newton Falls (AMP)	\$1,395,000.00	Revenue	1.90%	2.90%	34.48%	\$13,911.78
6/27/18	6/26/19	City of Uhrichsville	\$3,455,000.00	GO	1.85%	2.15%	13.95%	\$10,336.60

Closing Date	Maturity Date	Issuer	Par Amount	Type	Pricing Yield	Estimated Unenhanced Yield	Estimated Annual Savings (%)	Estimated Annual Savings (\$)
6/12/18	6/11/19	City of Oxford	\$4,800,000.00	GO	1.85%	2.10%	11.90%	\$11,967.12
6/28/18	6/27/19	City of Wapakoneta	\$12,000,000.00	Revenue	1.90%	2.90%	34.48%	\$119,671.23
6/19/18	6/19/19	City of Garfield Heights	\$2,200,000.00	GO	1.85%	2.15%	13.95%	\$6,600.00
5/2/18	5/2/19	City of Euclid	\$2,001,000.00	GO	2.00%	2.15%	6.98%	\$3,001.50
5/24/18	5/23/19	City of Elyria	\$2,090,000.00	GO	2.00%	2.58%	22.44%	\$12,067.95
5/1/18	5/1/19	City of West Carrollton	\$4,380,000.00	Revenue	2.65%	3.05%	13.11%	\$17,520.00
7/17/18	7/17/19	City of Parma Heights	\$1,745,000.00	GO	1.90%	2.20%	13.64%	\$5,235.00
5/1/18	5/1/19	City of Parma Heights	\$1,145,000.00	GO	1.90%	2.19%	13.24%	\$3,320.50
5/1/18	4/30/19	Village of Holiday City (AMP)	\$1,904,000.00	Revenue	2.00%	3.00%	33.33%	\$18,987.84
4/26/18	4/25/19	Village of Monroeville (AMP)	\$1,460,000.00	Revenue	2.00%	3.00%	33.33%	\$14,560.00
3/29/18	4/4/19	City of Mayfield Heights	\$4,000,000.00	GO	1.75%	1.85%	5.41%	\$4,065.75
4/5/18	4/4/19	Village of Versailles (AMP)	\$555,000.00	Revenue	2.00%	3.00%	33.33%	\$5,534.79
3/15/18	3/14/19	City of Riverside	\$5,000,000.00	Revenue	2.25%	2.45%	8.16%	\$9,972.60
3/14/18	3/14/19	City of Berea	\$8,551,000.00	GO	1.52%	1.70%	10.59%	\$15,391.80
3/29/18	3/28/19	City of Springfield	\$10,500,000.00	GO	1.68%	1.80%	6.67%	\$12,565.48
3/8/18	3/7/19	City of Hubbard (AMP)	\$960,000.00	Revenue	1.60%	2.60%	38.46%	\$9,573.70
2/1/18	11/1/18	City of Canal Fulton	\$1,730,000.00	GO	1.58%	1.98%	20.20%	\$5,175.78
1/25/18	1/24/19	Village of Woodsfield	\$850,000.00	Revenue	1.65%	2.60%	36.54%	\$8,052.88

Closing Date	Maturity Date	Issuer	Par Amount	Type	Pricing Yield	Estimated Unenhanced Yield	Estimated Annual Savings (%)	Estimated Annual Savings (\$)
12/28/17	12/12/18	City of Elyria	\$4,000,000.00	GO	1.52%	1.67%	8.98%	\$5,736.99
12/21/17	6/15/18	Geauga County Public Library	\$10,000,000.00	GO	1.41%	1.91%	26.18%	\$24,109.59
12/14/17	12/13/18	Village of Genoa	\$2,641,588.00	Revenue	1.50%	2.25%	33.33%	\$19,757.63
12/7/17	12/6/18	Lake County	\$23,000,000.00	GO	1.60%	1.75%	8.57%	\$34,405.48
11/28/17	11/28/18	Village of Walton Hills	\$1,720,000.00	GO	1.25%	1.50%	16.60%	\$4,282.80
10/9/17	2/13/18	Clark-Shawnee School District	\$37,273,542.00	GO	0.94%	1.20%	21.67%	\$33,719.79
10/4/17	10/4/18	City of Berea	\$6,500,000.00	Revenue	1.65%	1.80%	8.33%	\$9,750.00
10/3/17	10/3/18	Village of Woodmere	\$1,260,000.00	GO	1.05%	1.40%	25.00%	\$4,410.00
9/20/17	9/20/18	Village of Oakwood	\$2,346,500.00	GO	1.05%	1.50%	30.00%	\$10,559.25
10/4/17	10/4/18	Madison Local School District	\$1,295,000.00	GO	1.00%	1.15%	13.04%	\$1,942.50
9/13/17	9/13/18	Village of North Randall	\$1,315,000.00	GO	1.05%	1.55%	32.26%	\$6,575.00
9/1/17	8/30/18	Village of Elmore (AMP)	\$510,000.00	Revenue	1.10%	2.00%	45.00%	\$4,564.85
8/23/17	8/22/18	City of Forest Park	\$4,090,000.00	GO	1.00%	1.15%	13.04%	\$6,118.19
9/7/17	9/6/18	City of Marion	\$7,688,500.00	GO	1.05%	1.40%	25.00%	\$26,836.02
8/3/17	3/30/18	City of Springfield	\$7,420,000.00	GO	1.05%	1.25%	16.00%	\$9,717.15
7/25/17	7/24/18	City of Cleveland Heights	\$1,285,000.00	GO	1.10%	1.50%	26.67%	\$5,125.92
6/23/17	6/23/18	Village of Cuyahoga Heights	\$3,585,000.00	GO	1.10%	1.40%	21.43%	\$10,755.00

Closing Date	Maturity Date	Issuer	Par Amount	Type	Pricing Yield	Estimated Unenhanced Yield	Estimated Annual Savings (%)	Estimated Annual Savings (\$)
6/22/17	6/21/18	Village of Newton Falls (AMP)	\$1,595,000.00	Revenue	1.20%	2.00%	40.00%	\$12,725.04
6/29/17	6/28/18	City of Uhrichsville	\$3,655,000.00	GO	1.15%	1.60%	28.13%	\$16,402.44
6/20/17	6/20/18	City of Garfield Heights	\$2,400,000.00	Revenue	1.15%	1.50%	23.33%	\$8,400.00
6/21/17	6/20/18	City of Kirtland	\$2,540,000.00	GO	1.25%	1.55%	19.35%	\$7,599.12
5/24/17	5/24/18	City of Elyria	\$3,650,000.00	GO	1.19%	1.50%	20.67%	\$11,315.00
5/2/17	5/1/18	Village of Holiday City (AMP)	\$2,009,900.00	Revenue	1.25%	1.60%	21.88%	\$7,015.38
3/29/17	3/29/18	Maple Heights City School District	\$2,060,000.00	GO	1.30%	2.00%	35.00%	\$14,420.00
5/3/17	2/2/18	City of Canal Fulton	\$1,730,000.00	GO	1.20%	1.55%	22.58%	\$4,561.99
4/6/17	4/5/18	Village of Versailles (AMP)	\$720,000.00	Revenue	1.30%	2.00%	35.00%	\$5,026.19
4/27/17	4/27/18	Village of Monroeville (AMP)	\$1,580,000.00	Revenue	1.25%	1.90%	34.21%	\$10,270.00
5/1/17	5/1/18	City of West Carrollton	\$3,145,000.00	Revenue	1.60%	3.50%	54.29%	\$59,755.00
3/15/17	3/14/18	City of Lima	\$3,665,000.00	GO	1.10%	1.50%	26.67%	\$14,619.84
2/16/17	7/27/17	Winton Woods School District	\$51,700,000.00	GO	0.95%	1.40%	32.14%	\$102,620.96
2/1/17	7/13/17	Deer Park CSD	\$15,200,000.00	GO	0.97%	1.47%	34.01%	\$33,731.51
12/29/16	7/27/17	Winton Woods School District	\$9,800,000.00	GO	1.15%	1.50%	23.33%	\$19,734.25
11/29/16	11/30/17	Village of Walton Hills	\$1,170,000.00	GO	1.15%	1.50%	23.33%	\$4,106.22
11/30/16	9/14/17	City of Youngstown	\$6,900,000.00	GO	0.95%	1.95%	51.28%	\$54,443.84

Closing Date	Maturity Date	Issuer	Par Amount	Type	Pricing Yield	Estimated Unenhanced Yield	Estimated Annual Savings (%)	Estimated Annual Savings (\$)
10/5/16	10/5/17	Madison Local School District	\$1,375,000.00	GO	1.00%	1.50%	33.33%	\$6,875.00
9/29/16	9/28/17	City of Berea	\$7,000,000.00	Revenue	1.10%	1.50%	26.67%	\$27,923.29
9/21/16	9/21/17	Village of Oakwood	\$2,491,500.00	GO	0.95%	1.45%	34.48%	\$12,457.50
9/2/16	9/1/17	Village of Elmore (AMP)	\$750,000.00	Revenue	0.85%	1.30%	34.62%	\$3,365.75
9/14/16	9/14/17	City of Youngstown	\$9,760,000.00	GO	1.10%	2.00%	45.00%	\$87,840.00
9/14/16	9/14/17	Village of North Randall	\$1,960,000.00	GO	0.95%	1.45%	34.48%	\$9,800.00
10/4/16	10/4/17	Village of Woodmere	\$1,500,000.00	GO	1.00%	1.40%	28.57%	\$6,000.00
8/10/16	8/10/17	City of Warrensville Heights	\$820,000.00	GO	0.85%	1.15%	26.09%	\$2,460.00
9/8/16	9/7/17	City of Marion	\$7,188,500.00	GO	0.80%	1.50%	46.67%	\$50,181.64
7/7/16	7/17/17	City of Springfield	\$3,850,000.00	GO	0.80%	1.00%	20.00%	\$7,910.96
6/21/16	6/21/17	City of Garfield Heights	\$2,500,000.00	GO	0.80%	1.55%	48.39%	\$18,750.00
6/30/16	6/30/17	Wayne County	\$4,000,000.00	GO	0.77%	0.77%	0.00%	\$0.00
7/7/16	7/6/17	City of Uhrichsville	\$3,835,000.00	GO	0.90%	1.50%	40.00%	\$22,946.96
6/24/16	6/22/17	Village of Newton Falls (AMP)	\$1,845,000.00	Revenue	0.80%	1.50%	46.67%	\$12,844.23
6/22/16	6/22/17	City of Kirtland	\$2,000,000.00	GO	0.85%	1.15%	26.09%	\$6,000.00
4/28/16	4/28/17	Village of Monroeville (AMP)	\$1,700,000.00	Revenue	0.75%	1.50%	50.00%	\$12,750.00
3/30/16	3/30/17	Maple Heights City School District	\$2,211,000.00	GO	0.75%	1.10%	31.82%	\$7,738.50

Closing Date	Maturity Date	Issuer	Par Amount	Type	Pricing Yield	Estimated Unenhanced Yield	Estimated Annual Savings (%)	Estimated Annual Savings (\$)
4/26/16	5/2/17	Village of Holiday City (AMP)	\$3,000,000.00	Revenue	0.75%	1.50%	50.00%	\$22,869.86
4/7/16	4/7/17	Village of Versailles (AMP)	\$840,000.00	Revenue	0.80%	1.25%	36.00%	\$3,780.00
1/26/16	6/28/16	Reading Community City School District	\$14,972,300.00	GO	0.45%	0.85%	47.06%	\$25,268.32
12/29/15	6/28/16	Reading Community City School District	\$9,800,000.00	GO	0.45%	0.85%	47.06%	\$19,546.30
2/2/16	2/2/17	Blendon Township	\$5,280,000.00	GO	0.70%	0.85%	17.65%	\$7,941.70
11/24/15	5/24/16	Village of Silverton	\$1,100,000.00	GO	0.85%	1.50%	43.33%	\$3,565.21
11/24/15	11/22/16	Village of Silverton	\$1,900,000.00	GO	1.25%	1.90%	34.21%	\$12,316.16
11/18/15	11/17/16	City of Bowling Green (AMP)	\$2,235,000.00	Revenue	0.45%	1.00%	55.00%	\$12,292.50
10/1/15	9/29/16	Madison Local School District	\$1,455,000.00	GO	0.55%	1.00%	45.00%	\$6,529.56
9/23/15	9/22/16	Village of Oakwood	\$2,621,500.00	GO	0.45%	0.90%	50.00%	\$11,796.75
9/28/15	9/27/16	City of Hamilton	\$103,695,000.00	Revenue	0.43%	0.65%	33.85%	\$228,129.00
8/12/15	8/11/16	Village of North Randall	\$2,308,500.00	GO	0.55%	8.00%	93.13%	\$171,983.25
6/24/15	6/24/16	City of Uhrichsville	\$3,990,000.00	GO	0.75%	1.00%	25.00%	\$10,002.33
11/24/15	11/22/16	Village of Silverton	\$3,000,000.00	GO	0.65%	1.50%	56.67%	\$25,430.14
8/31/15	8/30/16	Village of Timberlake	\$450,000.00	GO	0.70%	2.50%	72.00%	\$8,100.00
4/2/15	3/31/16	Maple Heights City School District	\$2,311,000.00	GO	0.50%	1.00%	50.00%	\$11,523.34
11/25/14	11/24/15	Village of Silverton	\$1,600,000.00	GO	0.65%	1.50%	56.67%	\$13,562.74



OMAP DEALS

TABLE UPDATED APRIL 2023

Closing Date	Maturity Date	Issuer	Par Amount	Type	Pricing Yield	Estimated Unenhanced Yield	Estimated Annual Savings (%)	Estimated Annual Savings (\$)
9/25/14	9/24/15	Village of Oakwood	\$2,686,500.00	GO	0.35%	0.75%	53.33%	\$10,716.56
10/8/14	10/8/15	Madison Local School District	\$1,455,000.00	GO	0.40%	1.00%	60.00%	\$8,730.00
6/18/14	6/18/15	Village of Boston Heights	\$1,285,000.00	GO	0.75%	0.90%	16.67%	\$1,927.50
4/9/14	4/9/15	Maple Heights City School District	\$2,411,000.00	GO	0.50%	1.15%	56.52%	\$15,671.50
\$1,379,741,4766.00								\$4,927,544.71